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NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003
NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003
NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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=> s retinoic and p450
L1 1291 RETINOIC AND P450

=> s duell, ?/au
L2 1366 DUELL, ?/AU

=> s l1 and l2
L3 21 L1 AND L2

=> dup rem 13
PROCESSING COMPLETED FOR L3
L4 11 DUP REM L3 (10 DUPLICATES REMOVED)

=> d 1-11

L4 ANSWER 1 OF 11 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 1
AN 1998:667763 SCISEARCH
GA The Genuine Article (R) Number: 114CU
TI Retinoic acid receptors regulate expression of **retinoic**
acid 4-hydroxylase that specifically inactivates all-trans
retinoic acid in human keratinocyte HaCat cells
AU Marikar Y; Wang Z Q; **Duell E A**; Petkovich M; Voorhees J J;
Fisher G J (Reprint)
CS UNIV MICHIGAN, DEPT DERMATOL, ROOM 6447, 1150 W MED CTR DR, ANN ARBOR, MI
48109 (Reprint); UNIV MICHIGAN, DEPT DERMATOL, ANN ARBOR, MI 48109; QUEENS
UNIV, CANC RES LABS, KINGSTON, ON, CANADA
CYA USA; CANADA
SO JOURNAL OF INVESTIGATIVE DERMATOLOGY, (SEP 1998) Vol. 111, No. 3, pp.
434-439.
Publisher: BLACKWELL SCIENCE INC, 350 MAIN ST, MELDEN, MA 02148.
ISSN: 0022-202X.
DT Article; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 46
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 2 OF 11 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 2
AN 97283799 EMBASE
DN 1997283799
TI Unoccluded retinol penetrates human skin *in vivo* more effectively than
unoccluded retinyl palmitate or **retinoic** acid.
AU **Duell E.A.**; Kang S.; Voorhees J.J.
CS Dr. E.A. Duell, Univ. of Michigan Medical Center, Department of
Dermatology, M 6447 Medical Science I, Ann Arbor, MI 48109-0609, United
States
SO Journal of Investigative Dermatology, (1997) 109/3 (301-305).
Refs: 16
ISSN: 0022-202X CODEN: JIDEAE
CY United States
DT Journal; Article
FS 013 Dermatology and Venereology
037 Drug Literature Index
038 Adverse Reactions Titles
039 Pharmacy
LA English
SL English

L4 ANSWER 3 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1996:248167 BIOSIS
DN PREV199698804296
TI All-trans retinol, all-trans retinal and all-trans **retinoic** acid
produce a dose dependent induction of **retinoic** acid
4-hydroxylase in human skin *in vivo*.
AU **Duell, Elizabeth A.**; Kang, Sewon; Voorhees, John J.
CS Dep. Dermatol., Univ. Mich. Med. Sch., Ann Arbor, MI USA
SO Journal of Investigative Dermatology, (1996) Vol. 106, No. 4, pp. 828.
Meeting Info.: Annual Meeting of the Society for Investigative Dermatology
Washington, D.C., USA May 1-5, 1996
ISSN: 0022-202X.
DT Conference
LA English

L4 ANSWER 4 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1996:248040 BIOSIS
DN PREV199698804169
TI Regulation, properties, and solubilization of a unique cytochrome P-450
that specifically metabolizes all-trans **retinoic** acid to less

active 4-hydroxy **retinoic acid** in human keratinocyte HACAT cells.

AU Marikar, Y.; Duell, E. A.; Voorhees, J. J.; Fisher, G. J.
CS Dep. Dermatol., Univ. Michigan, Ann Arbor, MI USA
SO Journal of Investigative Dermatology, (1996) Vol. 106, No. 4, pp. 807.
Meeting Info.: Annual Meeting of the Society for Investigative Dermatology
Washington, D.C., USA May 1-5, 1996
ISSN: 0022-202X.
DT Conference
LA English

L4 ANSWER 5 OF 11 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 3
AN 96235623 EMBASE
DN 1996235623

TI Liarozole inhibits human epidermal **retinoic acid** 4-hydroxylase activity and differentially augments human skin responses to **retinoic acid** and retinol *in vivo*.

AU Kang S.; Duell E.A.; Kim K.J.; Voorhees J.J.
CS Department of Dermatology, University of Michigan Medical Ctr, 1910
Taubman Center, Ann Arbor, MI 48109-0314, United States
SO Journal of Investigative Dermatology, (1996) 107/2 (183-187).
ISSN: 0022-202X CODEN: JIDEAE

CY United States
DT Journal; Article
FS 013 Dermatology and Venereology
030 Pharmacology
037 Drug Literature Index

LA English
SL English

L4 ANSWER 6 OF 11 LIFESCI COPYRIGHT 2003 CSA DUPLICATE 4
AN 96:37344 LIFESCI

TI **Retinoic acid** antagonizes basal as well as coal tar and glucocorticoid-induced cytochrome P4501A1 expression in human skin

AU Li, Xiao-Yan; Astroem, A.; Duell, E.A.; Qin, Li; Griffiths, C.E.M.; Voorhees, J.J.
CS Dep. Dermatology, Univ. Michigan Med. Cent., 1910 Taubman Cent., Box 0314,
Ann Arbor, MI 48109-0314, USA
SO CARCINOGENESIS, (1995) vol. 16, no. 3, pp. 519-524.

DT Journal
FS X
LA English
SL English

L4 ANSWER 7 OF 11 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 5
AN 94:635928 SCISEARCH

GA The Genuine Article (R) Number: NF406

TI ALL-TRANS, 9-CIS AND 13-CIS **RETINOIC ACID** EACH INDUCE A CYTOCHROME-P450 4-**RETINOIC ACID** HYDROXYLASE WHICH CAUSES ALL-TRANS BUT NOT 9-CIS OR 13-CIS **RETINOIC ACID** TO SELF-METABOLIZE

AU DUELL E A (Reprint); ASTROM A; KANG S; GRIFFITHS C E M; VOORHEES J
CS UNIV MICHIGAN, SCH MED, DEPT DERMATOL, ANN ARBOR, MI, 00000
CYA USA

SO JOURNAL OF INVESTIGATIVE DERMATOLOGY, (APR 1994) Vol. 102, No. 4, pp. 641.
ISSN: 0022-202X.

DT Conference; Journal
FS LIFE; CLIN
LA ENGLISH
REC No References

L4 ANSWER 8 OF 11 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 6
AN 93:238431 SCISEARCH

GA The Genuine Article (R) Number: KW395

TI IN HUMAN EPIDERMIS ALL-TRANS-**RETINOIC ACID** IS METABOLIZED TO THE LESS ACTIVE 4-HYDROXYRETINOIC ACID BY A UNIQUE CYTOCHROME-P450 THAT DOES NOT METABOLIZE 9-CIS OR 13-CIS **RETINOIC ACID**

AU DUELL E A (Reprint); FISHMAN A; ASTROM A; GRIFFITHS C E M;

VOORHEES J J
CS UNIV MICHIGAN, SCH MED, DEPT DERMATOL, ANN ARBOR, MI, 48104
CYA USA
SO JOURNAL OF INVESTIGATIVE DERMATOLOGY, (APR 1993) Vol. 100, No. 4, pp. 578.
ISSN: 0022-202X.
DT Conference; Journal
FS LIFE; CLIN
LA ENGLISH
REC No References

L4 ANSWER 9 OF 11 SCISEARCH COPYRIGHT 2003 ISI (R)
AN 93:229359 SCISEARCH
GA The Genuine Article (R) Number: KW761
TI IN HUMAN EPIDERMIS ALL-TRANS-**RETINOIC** ACID IS METABOLIZED TO THE
LESS ACTIVE 4-HYDROXYRETINOIC ACID BY A UNIQUE CYTOCHROME-P450
THAT DOES NOT METABOLIZE 9-CIS OR 13-CIS **RETINOIC** ACID
AU DUELL E A (Reprint); FISHMAN A; ASTROM A; GRIFFITHS C E M;
VOORHEES J J
CS UNIV MICHIGAN, SCH MED, DEPT DERMATOL, ANN ARBOR, MI, 48104
CYA USA
SO CLINICAL RESEARCH, (APR 1993) Vol. 41, No. 2, pp. A476.
ISSN: 0009-9279.
DT Conference; Journal
FS LIFE
LA ENGLISH
REC No References

L4 ANSWER 10 OF 11 SCISEARCH COPYRIGHT 2003 ISI (R) DUPLICATE 7
AN 92:639797 SCISEARCH
GA The Genuine Article (R) Number: JU681
TI HUMAN SKIN LEVELS OF **RETINOIC** ACID AND CYTOCHROME P-450-DERIVED
4-HYDROXYRETINOIC ACID AFTER TOPICAL APPLICATION OF **RETINOIC**
ACID INVIVO COMPARED TO CONCENTRATIONS REQUIRED TO STIMULATE
RETINOIC ACID RECEPTOR-MEDIATED TRANSCRIPTION INVITRO
AU DUELL E A (Reprint); ASTROM A; GRIFFITHS C E M; CHAMBON P;
VOORHEES J J
CS UNIV MICHIGAN, MED CTR, DEPT DERMATOL, R6558 KRESGE I, BOX 0528, ANN
ARBOR, MI, 48109 (Reprint); FAC MED STRASBOURG, CNRS, U 184, INSERM, GENET
MOLEC EUCLAYOTES LAB, STRASBOURG, FRANCE
CYA USA; FRANCE
SO JOURNAL OF CLINICAL INVESTIGATION, (OCT 1992) Vol. 90, No. 4, pp.
1269-1274.
ISSN: 0021-9738.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 30
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 11 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1992:320385 BIOSIS
DN BR43:21110
TI **RETINOIC** ACID BUT NOT SODIUM LAURYL SULFATE TREATED SKIN OR
PSORIASIS METABOLIZES **RETINOIC** ACID TO 4 HYDROXYRETINOIC ACID.
AU DUELL E A; FISHMAN A; GRENIER L; GRIFFITHS C E M; VOORHEES J J
CS DEP. DERMATOL., UNIV. MICH. MED. CENT., ANN ARBOR, MICH., USA.
SO MEETING OF THE SOCIETY OF INVESTIGATIVE DERMATOLOGY, BALTIMORE, MARYLAND,
USA, APRIL 29-MAY 2, 1992. CLIN RES. (1992) 40 (2), 533A.
CODEN: CLREAS. ISSN: 0009-9279.
DT Conference
FS BR; OLD
LA English